










APPENDIX E. FIELD NOTES FROM RECONNAISSANCE

This appendix presents a summary of notes from field reconnaissance of uncharacterized exposed bank areas and selected outfalls with potential sampleability issues. This reconnaissance was performed on August 31, September 1, and September 25, 2017.

Table E-1. Uncharacterized exposed bank areas surveyed

Exposed Bank Area (RM)	Field Reconnaissance Notes	Select Photos
0.6–0.7 E	<ul style="list-style-type: none"> Area is mostly exposed mud with some patches of vegetation. Large exposed area exists for potential sampling. Riprap exists around south area of bank. 	
0.9–1.0 W	<ul style="list-style-type: none"> North section has large exposed area. South section has riprap but also an exposed area in the middle. Cove in south area—difficult to see entire area from boat but may be sampleable. Top portion of bank is steep, so may need to target low tide to access bank from river. 	 

Exposed Bank Area (RM)	Field Reconnaissance Notes	Select Photos
2.0–2.2 W	<ul style="list-style-type: none"> · Bank is behind structure for 1st Avenue bridge. · Area was accessed from the south; boat access from north side of bridge seems difficult. · Small area of riprap exists on north bank area. · Most of bank area appears exposed and sampleable. · Some patches of vegetation exist. · Crew was unable to access inlet by boat. 	
2.5–2.7 W	<ul style="list-style-type: none"> · Two ramp structures, a catwalk, and a floating dock exist. · There appear to be two sampleable areas: one may not be accessible by boat and the other is adjacent to the southern ramp structure. 	

Exposed Bank Area (RM)	Field Reconnaissance Notes	Select Photos
3.0–3.1 W	<ul style="list-style-type: none"> Exposed beach area (Duwamish Waterway Park) is sampleable. 	
4.6–5.0 W	<ul style="list-style-type: none"> Reeds exist, especially at north end. Large amounts of vegetation exist. Some exposed areas exist throughout and in northern inlet. Southern portion of this area is not visible due to fishing boats/kayaks and bridge over river. 	  













Exposed Bank Area (RM)	Field Reconnaissance Notes	Select Photos
4.7 E	<ul style="list-style-type: none"> · Lots of fisher boating activity occurs. · Riprap exists. · Slope is steep. · Dense vegetation exists. · Area did not look to be sampleable, but it was difficult to get close by boat because of fisher boating activities. 	

Table E-2. Select outfalls surveyed

Outfall	Location (approx. RM)	Field Reconnaissance Notes	Select Photos
2503	2.0 E	<ul style="list-style-type: none"> · Team was unable to locate outfall, which was described as being at the head of a ditch. · Shoreline is armored with riprap and concrete slabs and has areas of dense vegetation. 	
SCS Refd Services	2.1 E	<ul style="list-style-type: none"> · Team was unable to see outfall; it was likely under a structure. · A building, floating boathouse, and wooden pier structure line the shoreline, which is armored with wood piles and riprap. · The Muckleshoot Tribe fishing boats are tied up to the wooden pier. 	

Outfall	Location (approx. RM)	Field Reconnaissance Notes	Select Photos
8134	0.0 W	<ul style="list-style-type: none"> Team was unable to see outfall; it is likely under the pier structure or behind the area where a barge was being loaded during the reconnaissance. Shoreline is armored with riprap. 	
2157	0.4 W	<ul style="list-style-type: none"> Team was unable to see outfall; it was likely either under the dock or behind barges. 	
2226 (Herring's House)	0.5 W	<ul style="list-style-type: none"> There is a creek/inlet in this area that connects a lagoon to the river. The creek was observed to be at least partially armored with riprap, but may be sampleable by hand. Shoreline area north of creek/inlet is covered by a wooden pier. 	  

Outfall	Location (approx. RM)	Field Reconnaissance Notes	Select Photos
2220	1.8 W	<ul style="list-style-type: none"> Outfall is at edge of over-water structure. Overhead cable exists in vicinity of outfall. Riprap exists on bank in vicinity of outfall. 	
2114	2.4 W	<ul style="list-style-type: none"> Team was unable to see outfall because of boats and barges. 	
2113	2.6 W	<ul style="list-style-type: none"> Barges are present in vicinity of outfall. It is difficult to tell where the outfall is located from boat; there appears to be an outfall just south of the blue catwalk and another outfall in the retaining wall just south of the small floating dock. Riprap is present on slope but does not appear to be enough to necessarily impede sampling. Of the two observed outfalls in this area, the northern outfall is likely accessible by boat and the southern outfall may need to be sampled by land. 	 
2109 and 2110	2.9 W	<ul style="list-style-type: none"> Team observed three outfalls in the vicinity: the northern outfall is under the edge of a structure (based on maps, this may be an inactive outfall); barges are tied to the second outfall; and the southern outfall is under light vegetation. All three outfalls appear to be sampleable, barring refusal (due to riprap/rocky substrate). Some riprap is present on the bank. 	